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Reference: HOE96/F318US

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(3259.81131)

Applicant: **Fritz Schwertfeger** Paper No:
U.S.S.N: **09/308,770** Group Art Unit: 1762
Filed: **October 28, 1999** Examiner: **Crockford, K.**
Title: **Method for Producing Organically Modified, Permanently Hydrophobic Aerogels**

AMENDMENT IN RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

The following amendments and remarks are submitted in response to the Office Action (Paper No. 11) mailed in the above-captioned patent application on 19 October 2000. The fee for a three-month extension of time is provided in the accompanying Fee Transmittal. Accordingly this paper is timely filed in response to the Office Action.

In the Specification

Please replace the second paragraph on page 6 of the specification with the following new paragraph:

For several years, organic aerogels have also been known. One finds in the literature, e.g., organic aerogels based on resorcinol/formaldehyde, melamine/formaldehyde or resorcinol/furfural (R. W. Pekala, J. Mater. Sci. 1989, 24, 3221, US-A 5,508,341, RD 388,047, WO94/22943 and US-A-5,556,892). In addition, organic aerogels of polyisocyanates (WO95/03,358) and polyurethanes (US-5,484,818) are also known. One proceeds from initial materials such as formaldehyde and resorcinol dissolved in water, as described, for example, in

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